

# Ukrainian energy storage battery usage distribution

Who energizes Ukraine's largest battery-based energy storage project?

Fluence Energy B.V., a subsidiary of Fluence Energy, Inc., and DTEK Group, Ukraine's largest private energy company, have energized Ukraine's largest battery-based energy storage project, totaling 200 MW across six sites.

Will a new battery storage facility strengthen Ukraine's grid?

Sept. 10, 2025. (Bohdan Nazarenko/DTEK) Ukraine's biggest private energy firm, DTEK, has launched a major battery storage facility that will bring power to hundreds of thousands of homes and strengthen the grid ahead of expected Russian attacks this winter, the company said.

How will a new energy storage system help Ukraine's energy resilience?

Fluence CEO Julian Nebreda added: "This achievement is a beacon of resilience and a symbol of what can be achieved through strong international cooperation." The new storage systems are expected to increase supply security, reduce outage risks, and enhance grid decentralization, contributing to Ukraine's long-term energy resilience.

How much electricity does Ukraine use?

Previously, it had been around 2 700 kWh starting in 2018, which was around half the electricity consumption compared to the EU. Ukraine produced 2.2 Mt of crude oil in 2022 (-4%/year since 2019), covering around 76% of its consumption. Natural gas consumption dropped by 25% in 2022 to 20.7 bcm.

Where are Russia's batteries located?

The batteries are spread out across six undisclosed locations in Ukraine, which helps de-risk the projects from Russian attacks compared to a centralized system, Julian Jansen, managing director covering southern and eastern Europe at Fluence, said during the briefing.

Why is DTEK investing in Ukraine?

"Despite the war, we invest in Ukraine's recovery and growth. Our energy sector, having withstood countless Russian attacks, now gains new momentum," owner of DTEK and Ukraine's richest man, Rinat Akhmetov, said in a press release.

SunContainer Innovations - Summary: Ukraine's energy storage sector is booming as industries seek reliable, cost-effective solutions. This article explores how commercial energy storage ...

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This project is located in the Kyiv region of Ukraine and is designed to provide an integrated energy storage solution for small villa residents. The ...

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